

PO Job Risk Assessment

Name(s) of Risk Team Members: A. Checco, K. Kusche, W. Schoenig, J. Thomas, S. Shapiro, R. Gill (facilitator)	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Vacuum system operation Job Number or Job Identifier: PO-JRA-023	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Operation and maintenance of vacuum systems and ancillary equipment.	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional):	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Rev. #: 0	Date: March 8, 2005					
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

				Before Additional Controls							After Additional Controls					
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Operation of vacuum systems	Electrical shock	Proper grounding, power cord condition, Tier 1	N	1	4	1	1	4								
	Being caught or pulled into machinery	Work planning, training, belt guards	N	1	4	1	1	4								
	Noise	IH noise evaluation, noise abatement, time in noise area, PPE	N	1	4	1	2	8								

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Operation of vacuum systems (cont'd)	Release of toxic materials due to vacuum failure e.g., Beryllium window	SBMS Subject Areas, work procedures, window inspections	N	1	4	1	2	8								
	Inhalation of oil mists	Mist eliminators, venting to hoods or outdoors	N	2	4	2	3	48	Replace oil pumps with oil-free pumps	N	2	4	1	1	8	83%
Assembly or disassembly of vacuum system components	Hand tool use	See PO-JRA-016	N	1	3	1	2	6								
	Manual lifting	See PO-JRA-004	N	2	2	3	2	24								
Leak checking vacuum system	Compressed gas use	See PO-JRA-012	N	1	3	3	1	9								
Maintenance of vacuum pumps	Hand tool use	See PO-JRA-016	N	1	1	1	2	2								
	Manual lifting	See PO-JRA-004	N	2	2	3	2	24								
	Exposure to oils (routine chemical use)	See PO-JRA-017	N	1	1	1	5	5								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate			61 to 80 Substantial			81 or greater Intolerable							